

No. 636,199.

Patented Oct. 31, 1899.

C. W. T. DAVIES.  
BILLIARD CUE CHALKER.

(Application filed Apr. 10, 1899.)

(No Model.)

Fig. 1

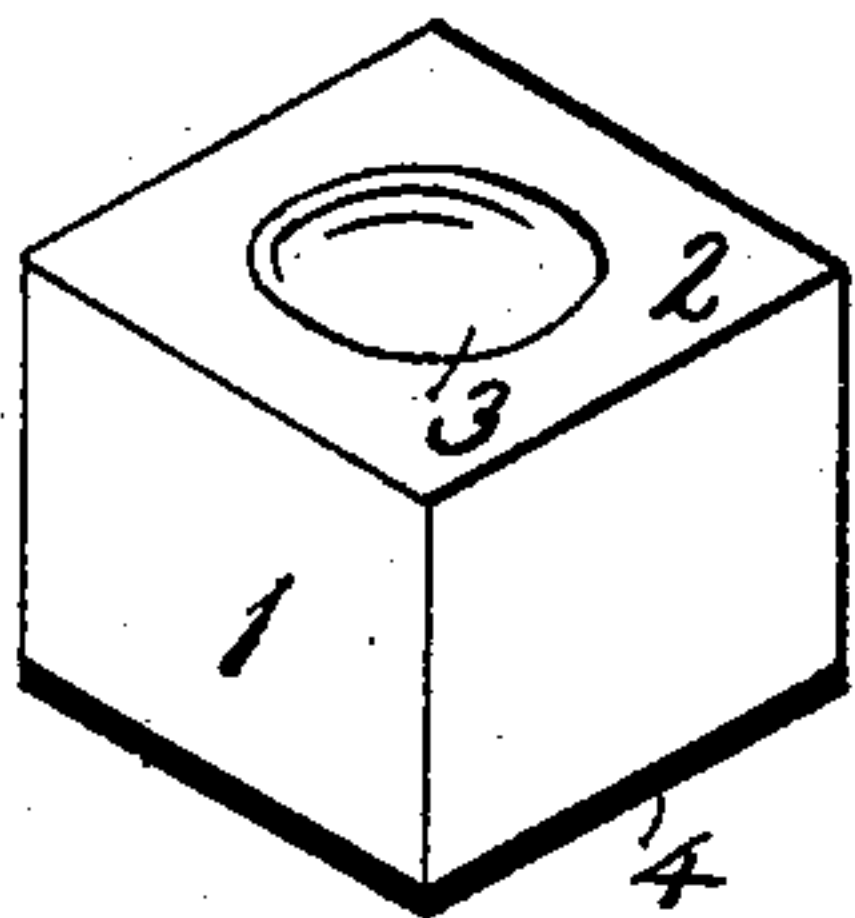


Fig. 2

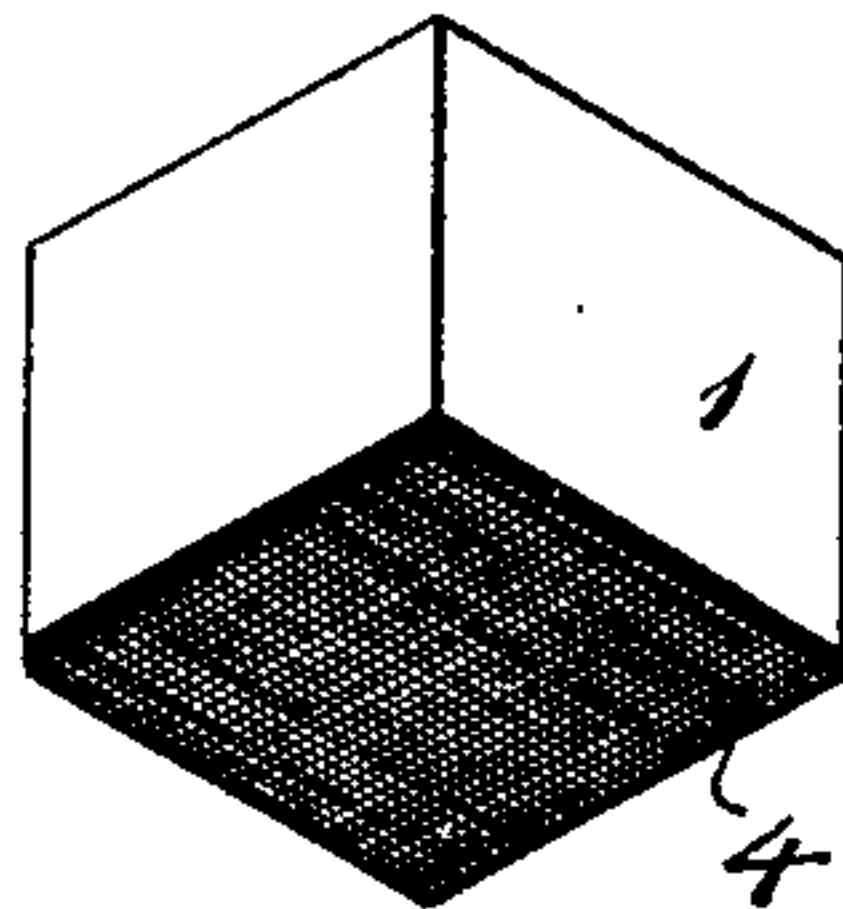


Fig. 3

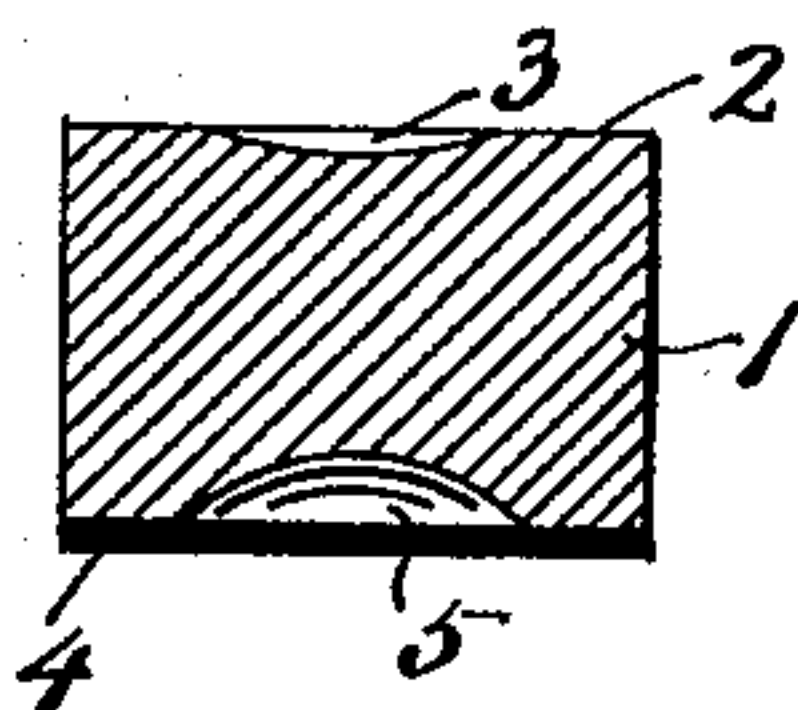
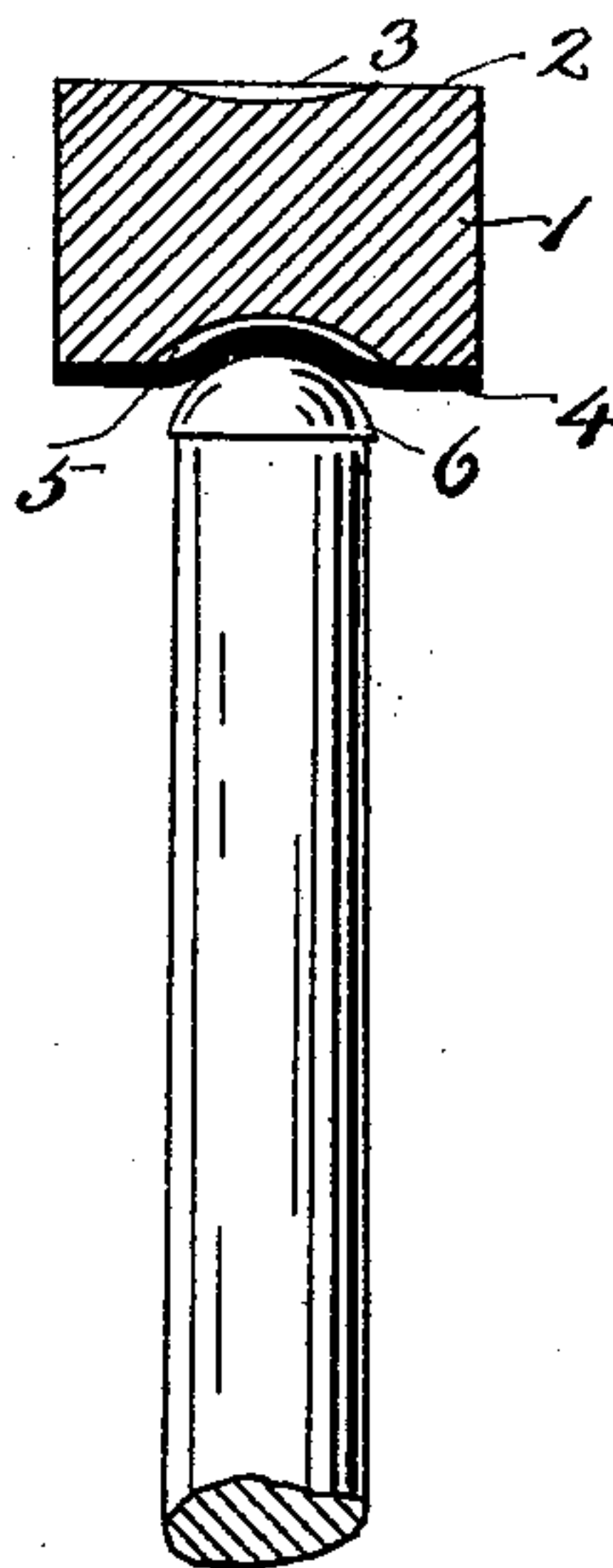


Fig. 4



Witnesses:

*James*  
*Wm. J. Jacobin*

Inventor,

*C. W. Tudor Davies*  
*By Francis M. Wright*  
*Attys.*

# UNITED STATES PATENT OFFICE.

CHARLES W. T. DAVIES, OF SAN FRANCISCO, CALIFORNIA.

## BILLIARD-CUE CHALKER.

SPECIFICATION forming part of Letters Patent No. 636,199, dated October 31, 1899.

Application filed April 10, 1899. Serial No. 712,568. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES W. T. DAVIES, a subject of the Queen of Great Britain, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Billiard-Cue Chalkers, of which the following is a specification.

My invention relates to improvements in billiard-cue chalkers, the object of my invention being to provide a cheap and simple device whereby the cue-tip may be effectively and economically kept covered with a sufficient coating of chalk.

My invention therefore resides in the novel construction, combination, and arrangement of parts, whereby the nap of the cue-tip may be raised without undue abrasion preparatory to and in coöperation with the chalking of the tip.

In the accompanying drawings, Figure 1 is a perspective view showing the upper side of the device. Fig. 2 is a similar view showing the lower side. Fig. 3 is a central vertical section, and Fig. 4 is a similar view of the device in use on a cue-tip.

1 represents a piece of chalk rectangular in horizontal section, the upper side 2 of which is slightly concaved, as shown at 3, for convenient application of the chalk to the tip 6. Upon the under or opposite side of the chalk is cemented a thin rectangular sheet of india-rubber 4. The under side of the chalk, to which the india-rubber is attached, has also a concavity, as shown at 5 in Figs. 3 and 4, leaving normally a hollow space between the chalk and the sheet of india-rubber.

In operation when a cue-tip requires a renewal of the coating of chalk it is first rubbed, preferably in a circular motion, with the surface of the india-rubber sheet 4. India-rubber has an adhesive clinging property, and the effect of the said application is to brush up the fibers of the cue-tip which have been tamped down by repeated impacts against the ball. The cue-tip is then rubbed with chalk in the usual manner.

The advantages of my novel construction are as follows: First, by its adhesive clinging property the india-rubber brushes up the fibers of the cue-tip without rasping or greatly abrading the same, so that the fibers stand more evenly and uniformly and can better

receive and retain the particles of chalk afterward applied thereto than when rubbed with sandpaper and so that the cue-tip has a much longer life; secondly, the construction of the cavity below the india-rubber causes the latter to stretch slightly when in use, increasing its adhesive property and the advantages attendant thereon; thirdly, on account of the india-rubber being free at its central portion while secured only at its marginal portion the elastic adhesive property of that portion of the india-rubber which is applied to the cue-tip is allowed full play; fourthly, the construction permits of the operative surface of the india-rubber adjusting its configuration to narrow English cue-tips or broad French cue-tips, whichever may be used. For these reasons the construction here shown accomplishes even better results than are attained by a thick piece of india-rubber having a concavity and secured on a plane surface of chalk, while being also much less expensive.

While I have specified india-rubber as being the best material known to me for the purpose of raising the nap of the cue-tip, I do not limit myself to this material, as any suitable flexible napping material secured as specified may be used without departing from the spirit of my invention.

I claim—

1. In a billiard-cue chalker, the combination of a chalking-block having in one side a depression and a piece of india-rubber secured to said side over said depression, so as to leave normally a cavity, into which the india-rubber is pressed when applied to the cue-tip, substantially as described.

2. In a billiard-cue chalker, the combination of a chalking-block having in one side a depression and a piece of flexible napping material for a cue-tip secured to said side over said depression, so as to leave a cavity, into which the napping material is pressed when applied to the cue-tip, substantially as described.

In witness whereof I have hereunto set my hand in the presence of two subscribing witnesses.

CHARLES W. T. DAVIES.

Witnesses:

FRANCIS M. WRIGHT,  
CHAS. M. WIGGIN.